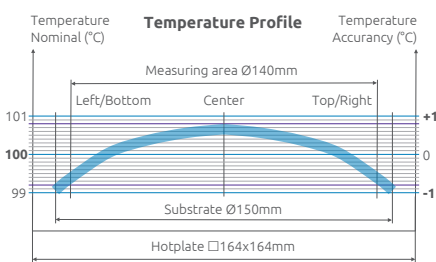
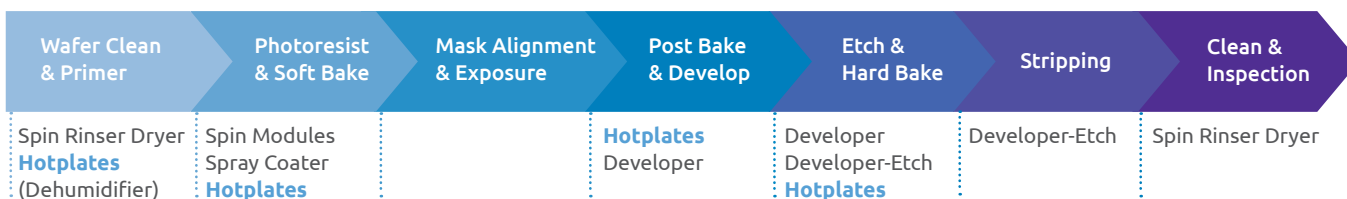


Hotplate HP-150
Precise soft & hard baking





The **Hotplate HP-150** was developed for typical soft bake and hard bake processes in lithography, in MEMS and similar applications. The temperature range is designed for up to 250°C by default. The set temperature and the temperature profile have narrow margins, meaning that a high coating quality can be achieved. The HP series is convincing due to its high level of uniformity and the high-precision process repeatability. It can be used for substrates with a diameter of up to 150mm and thicknesses of 5mm at maximum.

The hotplate is covered with safety glass, which makes cleaning easier. Due to the high-quality and robust design and easy handling, SAWATEC hotplates are preferentially used for laboratories, R&D, pilot projects and institutes.

The high-precision, good value instruments are available both as portable bench-top and bench-mounted units.



FEATURES (BASIC CONFIGURATION)

- ▶ Temperature control with digital target and actual value display
- ▶ Automatic temperature limit switch, no overheating
- ▶ Hotplate with safety glass, easy cleaning
- ▶ Easy levelling of the hotplate, prevents discharge of photoresist
- ▶ Manual substrate fixation via vacuum
- ▶ Manual loading and unloading of the substrates



PERFORMANCE DATA

- ▶ Temperature range: ambient temperature up to 250°C
- ▶ Temperature accuracy: +/- 1°C at 100°C

ADDITIONAL FUNCTIONS (OPTIONS)

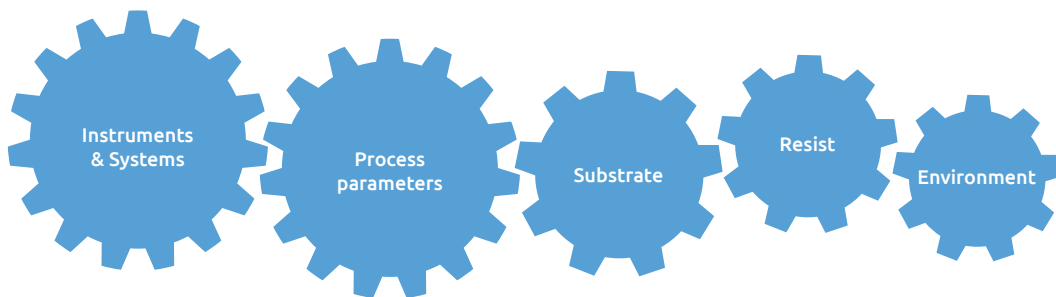
- ▶ N2 flushing manually controlled, no oxidation



INTERACTION OF THE PROCESS PARAMETERS

To ensure that a high level of process reliability can be reached, the interaction of our products with the defined process parameters, the selected substrate and the photoresist must be perfectly co-ordinated.

Furthermore, the process environment exerts a great influence on the process quality, therefore the ambient temperature, the exhaust and supply air (laminar flow) and all technical connections (N₂, compressed air...) must be designed optimally.



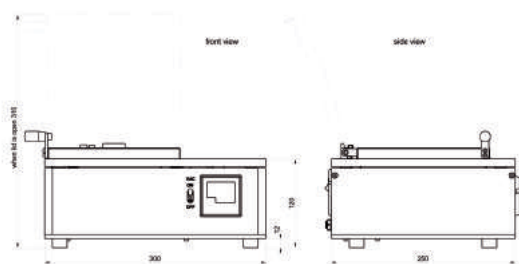
DESIGN AND DIMENSIONS

Bench-top unit HP-150-BT

- ▶ Compact, space-saving design
- ▶ Hotplate: 164 x 164 mm, anodised aluminium
- ▶ Housing: anodised aluminium
- ▶ Cover: manually operated, anodised aluminium

- ▶ Integrated fan
- ▶ Dimensions: 300 x 250 x 120mm (L x B x H)
- ▶ Weight: ca. 7kg

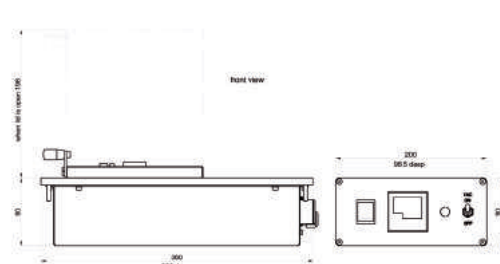
Bench Top (BT)



Bench-mounted unit HP-150-BM

- ▶ Mounting module: 360 x 330 x 90mm (L x B x H)
- ▶ Mounting panel: 200 x 90 x 98.5mm (L x B x H)
- ▶ Weight: ca. 7kg

Bench Mounted (BM)

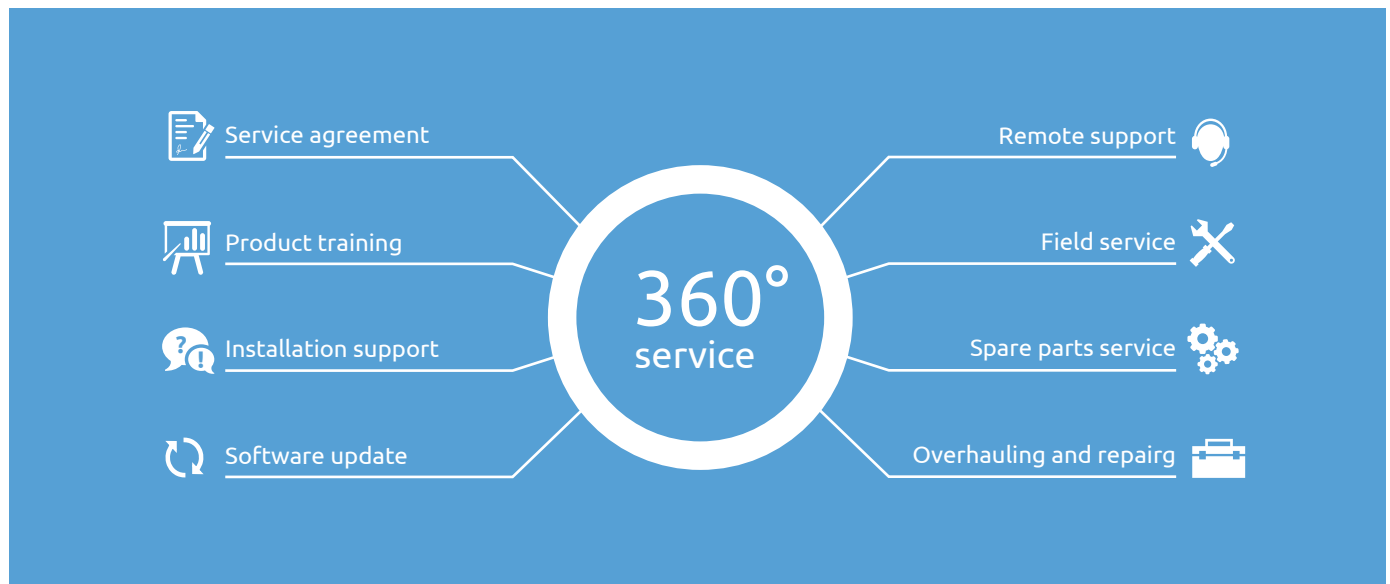


REQUIRED MEDIA

- ▶ 230 VAC 50/60Hz 10A (350W)
- ▶ Technical vacuum, tube Ø6/4mm (-0.8bar)
- ▶ BT air outlet for exhaust fan
- ▶ BM exhaust connector



3 YEAR WARRANTY
ON SINGLE COMPONENTS
Top price-performance ratio



If you would like a personal consultation or have a specific request, please do not hesitate to call us. Our technical experts will be pleased to help you.

Headquarters Switzerland

SAWATEC AG
Eschagger 2
CH-9468 Sax
Switzerland

T +41 81 750 44 00
F +41 81 750 44 01

Email: sales@sawatec.com

Sales and Service Center Greater China

Suzhou SAWATEC Semiconductor Systems Co., Ltd.
Room 403-1, Yixin Building, No.88 Jixian Street
Suzhou Industrial Park
CN-Suzhou, Jiangsu 215123
China

T +86 512 8766 0235
F +86 512 8766 0239

Email: cn.sales@sawatec.com

Distribution partners:



SAWATEC
www.sawatec.com